1 1

1.1 1

1.2 1

1.3 1

1.4

3.7 16
3.8 17
3.9 17
3.10 18
3.11 19
3.12 20
3.12.1 20
3.12.2 21
3.12.3 21
3.12.4 22
4 22
4.1 23
4.2 23
4.3 23
5 24
5.1 24
5.2 24
6 26
7 27
8 29

1

1.1

HFC-227ea CF_3CHFCF_3

1991

1.2

GB 16670-2025

1.3

HFC-227ea

HFC-227ea

HFC-227ea

1.4

ODP

1.5

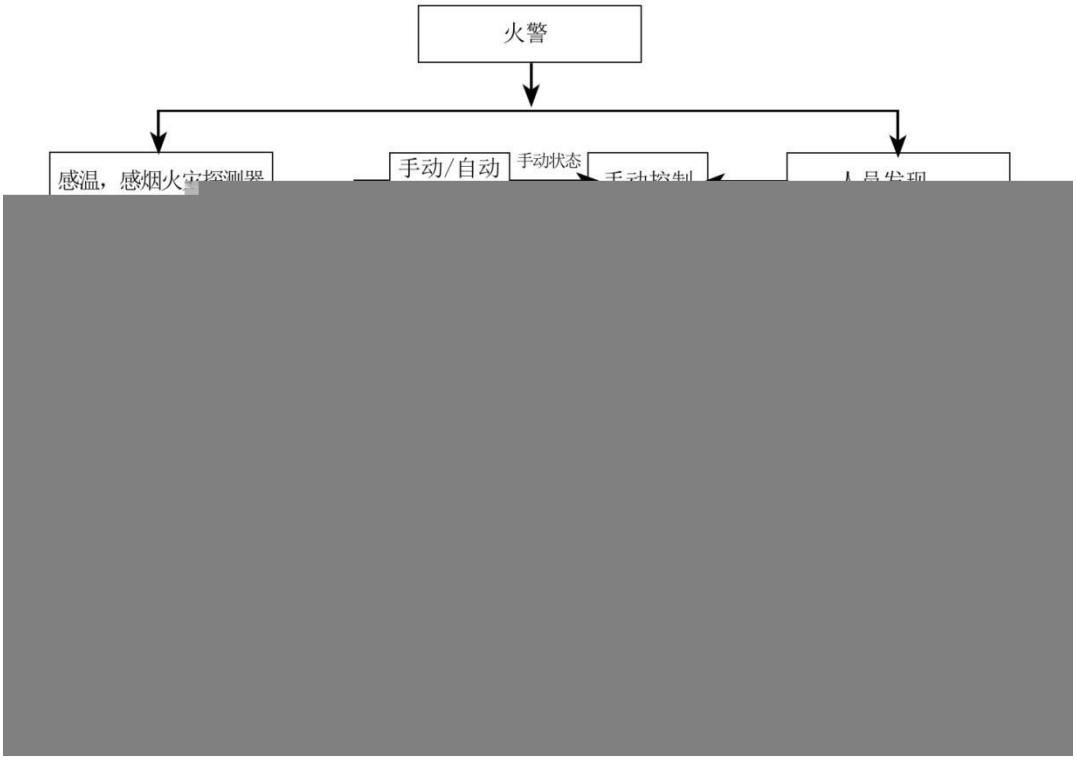
A B C E

1.6

HFC-227ea

2

2.1



1

2.2

2.3

30

“ ”

“ ”

B

2.4.2



3

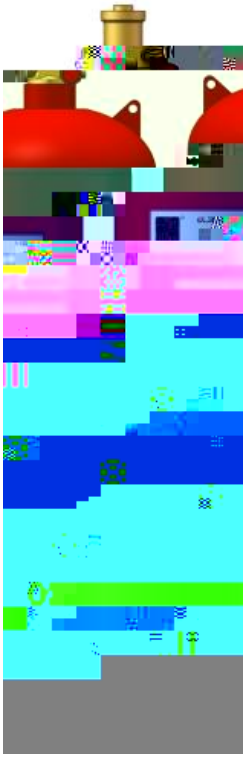
①		⑧	
②		⑨	
③		⑩	
④		⑪	
⑤		⑫	
⑥		⑬	
⑦		⑭	

1

	/	/MPa	/kg·m3	/s	
GQQ40×1/2.5-ZTQ-A	0-50	2.5	1120	≤10	
GQQ70×1/2.5-ZTQ-A		2.5	1120		
GQQ90×1/2.5-ZTQ-A		2.5	1100		
GQQ100×1/2.5-ZTQ-A		2.5	1120		
GQQ120×1/2.5-ZTQ-A		2.5	1100		
GQQ150×1/2.5-ZTQ-A		2.5	1050		
GQQ180×1/2.5-ZTQ-A		2.5	1120		
GQQ70×2/2.5-ZTQ-A		2.5	1120		
GQQ90×2/2.5-ZTQ-A		2.5	1100		
GQQ100×2/2.5-ZTQ-A		2.5	1120		
GQQ120×2/2.5-ZTQ-A		2.5	1100		
GQQ150×2/2.5-ZTQ-A		2.5	1050		
GQQ180×2/2.5-ZTQ-A		2.5	1120		

3.2

HFC-227ea



5

2

		/mm	/mm	/kg	
Z1.1100.0453	QMP2.5/40-ZTQ-A	362	713	34.46	M44×2
Z1.1100.0454	QMP2.5/70-ZTQ-A	362	1021	50.42	M44×2
Z1.1100.0455	QMP2.5/90-ZTQ-A	362	1251	60.79	M54×2
Z1.1100.0456	QMP2.5/100-ZTQ-A	362	1356	64.42	M54×2
Z1.1100.0457	QMP2.5/120-ZTQ-A	362	1561	73.93	M54×2
Z1.1100.0571	QMP2.5/150-ZTQ-A	414	1525	89.87	M54×2
Z1.1100.0459	QMP2.5/180-ZTQ-A	414	1760	109.26	M64×2

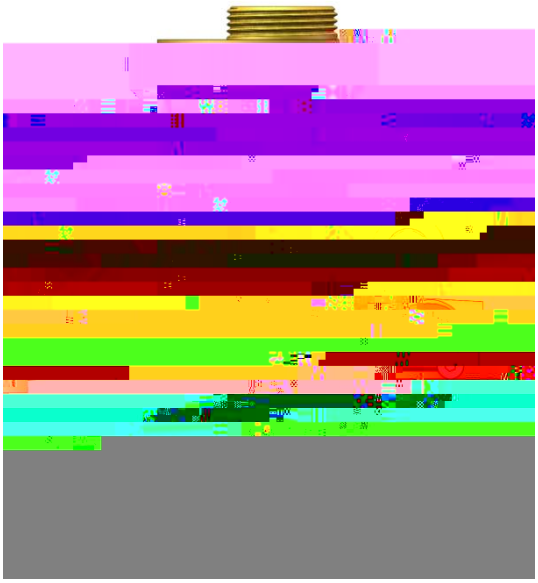
3.2.1

6

3

/L		/MPa	/mm	/mm	/kg		
40	Z0.0301.0562	4.2	350	600	31	HP345	M54 × 2
70	Z0.0301.0563		350	913	45.5		M54 × 2
90	Z0.0301.0553		350	1123	53.5		M64 × 2
100	Z0.0301.0593		350	1223	56.5		M64 × 2
120	Z0.0301.0555		350	1428	65.5		M64 × 2
150	Z0.0301.0900		400	1378	81.5		M64 × 2
180	Z0.0301.0597		400	1598	94.5		M74 × 2

3.2.2



7 DN40

4

/L			/MPa	/MPa	/
40-70	Z0.0301.0571	QRF32/4.2-ZTQ-A	4.2	5.9±0.3	0-50
90-150	Z0.0301.0574	QRF40/4.2-ZTQ-A			
180	Z0.0301.0578	QRF50/4.2-ZTQ-A			

5

							/kg
Z0.0301.0571	QRF32/4.2-ZTQ-A	M54 × 2	M44×2	NPSC 1/8	DN32	HPb59-1	2.043
Z0.0301.0574	QRF40/4.2-ZTQ-A	M64 × 2	M54×2		DN40		3.185
Z0.0301.0578	QRF50/4.2-ZTQ-A	M74 × 2	M64×2		DN50		4.745

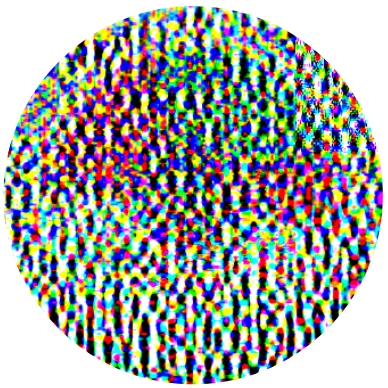
3.2.3

8

6

		/mm			/kg
Z0.0401.0237	40L	120 × 120			0.0038
Z0.0401.0221	70-180L	260 × 255			0.0175

3.2.4



9

7

		/MPa	/MPa	/mm			/kg
Z0.0301.0589	ZYJ5	4.2	2-2.5-4.2	36	4.0	NPT1/8	0.026

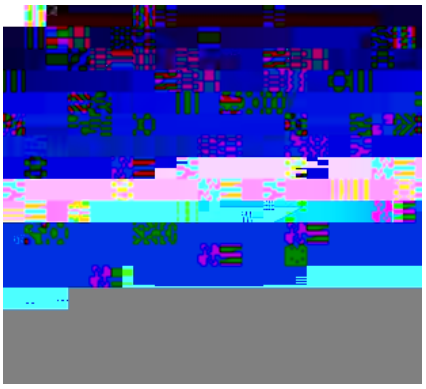
Z0

12

10

		/mm			/kg
	DQ80N-ZTQ-A	50×40			0.00053

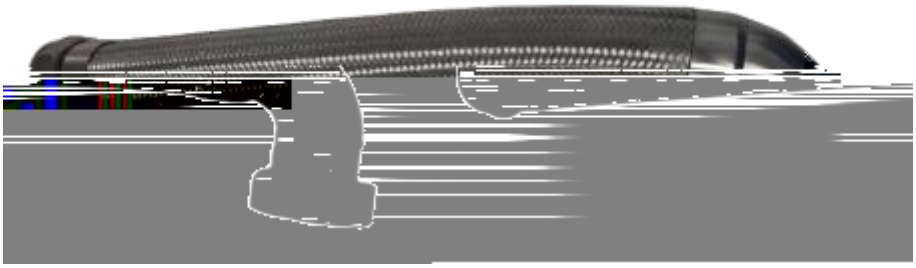
3.4



13

11

			/MPa		/	/kg	
Z0.0301.0568	QQ1.2/17.2-ZTQ-A	G1	1.2	M12×1.25	0~50	0.468	HPb59-1

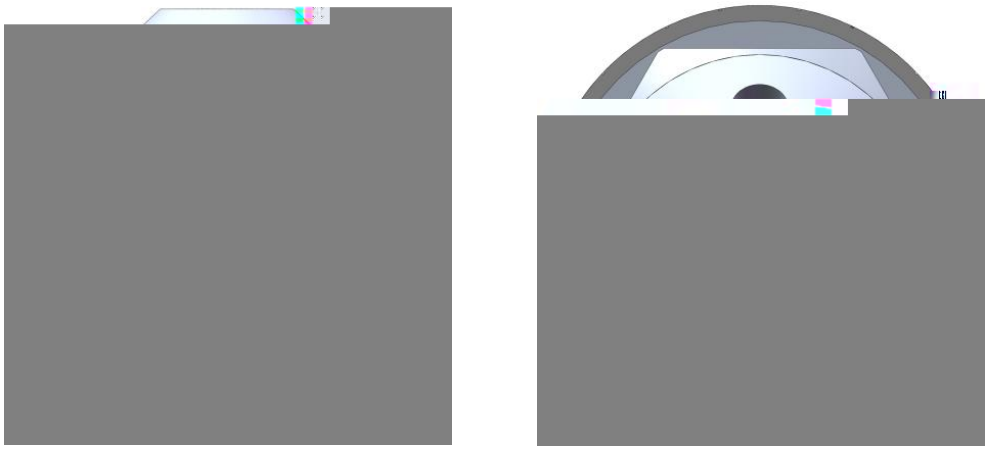


15

14

		/MPa		/			L/mm	/kg	
Z0.0301.0888	RG32/4.2-ZTQ-A_L600_M44×2C_M48×2	4.2	DN32	0-50	M44×2	M48×2	600	1.021	/
Z0.0301.0837	RG40/4.2-ZTQ-A_L600_M54×2C_M56×2		DN40		M54×2	M56×2		1.399	
Z0.0301.0940	RG50/4.2-ZTQ-A_L600_M64×2C_M68×2		DN50		M64×2	M68×2		1.797	

3.7



16

15

					/kg		
Z0.0301.1193	QPT28/32-ZTQ-A	8-Φ8	DN32	M48×2	0.178		40L
Z0.0301.1194	QPT34/32-ZTQ-A	8-Φ9.6	DN32	M48×2	0.175		70L
Z0.0301.0804	QPT40/40-ZTQ-A	12-Φ9.2	DN40	M56×2	0.806	HPb59-1	90L
Z0.0301.1195	QPT40/40-ZTQ-A_AL	12-Φ9.2	DN40	M56×2	0.243		90L
Z0.0301.1196	QPT48/40-ZTQ-A	12-Φ 11	DN40	M56×2	0.238		100L
Z0.0301.0803	QPT50/40-ZTQ-A	12-Φ11.5	DN40	M56×2	0.800	HPb59-1	120L
Z0.0301.1197	QPT50/40-ZTQ-A_AL	12-Φ11.5	DN40	M56×2	0.236		120L
Z0.0301.1198	QPT51/40-ZTQ-A	12-Φ12	DN40	M56×2	0.234		150L
Z0.0301.1199	QPT64/50-ZTQ-A	12-Φ15	DN50	M68×2	0.348		180L

3.8

17

16

		/mm	/kg	
Z0.0401.0333	GQQ/2.5-ZTQ-A	280 × 75	0.048	

3.9

3.11


柜式七氟丙烷气体灭火装置
HFC-227ea
北京市正天齐消防设备有限公司
客户服务电话400-6808-110

20 90L

- GB/T 13384 NB/T 58
-
-
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- 90%
-
-
-
-
- GB 50263 1

6

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	1. 2.	1. 20 2. 3. 4.
	1. 2.	1. 2. 3. 4.
	5 11.5 Ω 20 12.5 Ω	1. 2. 3. 4.

		1. 2.

8

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-
-

72

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